

UTC Project Information	
Project Title	Intermodal Infrastructure Investment Decisions and Linkage to Economic Competitiveness
University	Purdue University
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Funding Source(s) and Amounts Provided (by each agency or organization)	\$111,227: NEXTRANS Center/USDOT \$40,000: Woven Metal, Inc. \$71,227: Purdue University
Total Project Cost	\$222,454
Agency ID or Contract Number	DTRT12-G-UTC05
Start and End Dates	01/01/2015
Brief Description of Research Project	<p>Individual firm supply chains metrics of competitiveness include <i>time</i>, <i>cost</i> (as measured by transport cost, in transit and buffer inventory) and <i>environmental impact</i>. These factors impact their choice of competitive global logistics paths. In such contexts, stable transit times with larger capacities may, in cases, be more competitive than unpredictable mode choices with random delays. Several product manufacturers and retailers have committed to tracking their environmental impact (green scorecards), with sourcing preference given to suppliers who offer competitive prices while improving their environmental performance.</p> <p>Thus, multimodal/intermodal facilities that consciously consider their impact on firms' choices can use their impacts on time, cost and the environment to serve as competitive alternatives for firms. In this study, we propose a firm level and an aggregate level analysis to understand the economics of emerging logistics opportunities facilitated by multimodal or intermodal terminals. By considering new multimodal or intermodal offerings as being required to compete with existing choices by firms, plans for such facilities will be more realistic because they would have anticipated market impact. Thereby, the proposed research would provide a mechanism to link intermodal infrastructure investment decisions to economic competitiveness.</p>
Describe Implementation of Research Outcomes (or why not implemented)	

<p>Place Any Photos Here</p>	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project website	